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OW protein - protein search, using sw model

Run on: February 21, 2003, 12:31:03 ; Search time 131 Seconds  
(without alignments)  
9.843 Million cell updates/sec

Title: SHORT-PEP  
Perfect score: 16  
Sequence: 1 rw 2

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 4569144 seqs, 644733110 residues

Total number of hits satisfying chosen parameters: 89724

Minimum DB seq length: 0  
Maximum DB seq length: 5

Post-processing: Minimum Match 0%  
Maximum Match 100%

Listing first 100 summaries

Database :

Pending\_Patents\_AA\_Main:\*

1: /cgn2\_6/ptodata/1/paa/PCTUS\_COMB.pep:\*  
2: /cgn2\_6/ptodata/1/paa/US06\_COMB.pep:\*  
3: /cgn2\_6/ptodata/1/paa/US07\_COMB.pep:\*  
4: /cgn2\_6/ptodata/1/paa/US08\_COMB.pep:\*  
5: /cgn2\_6/ptodata/1/paa/US081\_COMB.pep:\*  
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25: /cgn2\_6/ptodata/1/paa/US101\_COMB.pep:\*  
26: /cgn2\_6/ptodata/1/paa/US102\_COMB.pep:\*  
27: /cgn2\_6/ptodata/1/paa/US60\_COMB.pep:\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	16	100.0	3	1	PCT-US01-28044A-338
2	16	100.0	3	1	PCT-US01-28044A-420
3	16	100.0	3	1	PCT-US02-09105-276
4	16	100.0	3	1	PCT-US02-09135-187
5	16	100.0	3	1	PCT-US02-09257-363
6	16	100.0	3	1	PCT-US02-09922-345

7	16	100.0	3	1	PCT-US94-09193-44	Sequence 44, Appl
8	16	100.0	3	1	PCT-US97-12974A-94	Sequence 94, Appl
9	16	100.0	3	1	PCT-US97-19557-94	Sequence 94, Appl
10	16	100.0	3	17	US-08-238-169-44	Sequence 44, Appl
11	16	100.0	3	17	US-09-340-852-94	Sequence 94, Appl
12	16	100.0	3	23	US-09-950-082-706	Sequence 706, Appl
13	16	100.0	3	25	US-10-105-299-3303	Sequence 3303, Ap
14	16	100.0	4	1	PCT-US00-068823-66	Sequence 66, Appl
15	16	100.0	4	1	PCT-US00-16116-11	Sequence 11, Appl
16	16	100.0	4	1	PCT-US00-16116-29	Sequence 29, Appl
17	16	100.0	4	1	PCT-US00-18217-1	Sequence 1, Appl
18	16	100.0	4	1	PCT-US01-28044A-339	Sequence 339, Appl
19	16	100.0	4	1	PCT-US02-04431-1	Sequence 1, Appl
20	16	100.0	4	1	PCT-US94-09193-37	Sequence 37, Appl
21	16	100.0	4	1	PCT-US94-11907-40	Sequence 40, Appl
22	16	100.0	4	1	PCT-US94-11907-42	Sequence 42, Appl
23	16	100.0	4	1	PCT-US99-27631-8	Sequence 8, Appl
24	16	100.0	4	3	US-07-929-181B-4	Sequence 4, Appl
25	16	100.0	4	3	US-08-147-809-21	Sequence 21, Appl
26	16	100.0	4	6	US-08-233-619-42	Sequence 42, Appl
27	16	100.0	4	6	US-08-233-619-42	Sequence 42, Appl
28	16	100.0	4	6	US-08-338-169-37	Sequence 37, Appl
29	16	100.0	4	7	US-08-350-260-402	Sequence 402, Appl
30	16	100.0	4	7	US-08-350-260-408	Sequence 408, Appl
31	16	100.0	4	8	US-08-426-414-15	Sequence 15, Appl
32	16	100.0	4	8	US-08-426-414A-6	Sequence 6, Appl
33	16	100.0	4	8	US-08-426-414-6	Sequence 6, Appl
34	16	100.0	4	8	US-08-495-606C-73	Sequence 73, Appl
35	16	100.0	4	8	US-08-495-606C-73	Sequence 73, Appl
36	16	100.0	4	8	US-08-495-606C-73	Sequence 73, Appl
37	16	100.0	4	9	US-08-583-493-2	Sequence 2, Appl
38	16	100.0	4	12	US-08-843-363A-5	Sequence 5, Appl
39	16	100.0	4	12	US-08-882-163C-70	Sequence 70, Appl
40	16	100.0	4	15	US-09-104-337-402	Sequence 402, Appl
41	16	100.0	4	15	US-09-104-337-408	Sequence 408, Appl
42	16	100.0	4	15	US-09-104-337A-402	Sequence 402, Appl
43	16	100.0	4	15	US-09-104-337A-408	Sequence 408, Appl
44	16	100.0	4	17	US-09-314-444-2	Sequence 2, Appl
45	16	100.0	4	17	US-09-314-444-2	Sequence 2, Appl
46	16	100.0	4	19	US-09-537-789-1	Sequence 1, Appl
47	16	100.0	4	19	US-09-537-789-2	Sequence 2, Appl
48	16	100.0	4	19	US-09-593-253-5	Sequence 5, Appl
49	16	100.0	4	20	US-09-602-087-15	Sequence 15, Appl
50	16	100.0	4	20	US-09-602-087-16	Sequence 16, Appl
51	16	100.0	4	20	US-09-602-087A-15	Sequence 15, Appl
52	16	100.0	4	20	US-09-602-087A-16	Sequence 16, Appl
53	16	100.0	4	20	US-09-606-501-1	Sequence 1, Appl
54	16	100.0	4	21	US-09-686-700-2	Sequence 2, Appl
55	16	100.0	4	21	US-09-720-278-24	Sequence 24, Appl
56	16	100.0	4	21	US-09-720-278-28	Sequence 28, Appl
57	16	100.0	4	21	US-09-754-774-2	Sequence 2, Appl
58	16	100.0	4	21	US-09-763-293-13	Sequence 13, Appl
59	16	100.0	4	22	US-09-807-278-28	Sequence 28, Appl
60	16	100.0	4	22	US-09-852-910-166	Sequence 166, Appl
61	16	100.0	4	22	US-09-855-604-465	Sequence 465, Appl
62	16	100.0	4	22	US-09-855-604-478	Sequence 478, Appl
63	16	100.0	4	22	US-09-855-604A-465	Sequence 465, Appl
64	16	100.0	4	22	US-09-855-604A-478	Sequence 478, Appl
65	16	100.0	4	22	US-09-882-781-1	Sequence 1, Appl
66	16	100.0	4	22	US-09-882-781-2	Sequence 2, Appl
67	16	100.0	4	22	US-09-882-781-3	Sequence 3, Appl
68	16	100.0	4	22	US-09-882-781-4	Sequence 4, Appl
69	16	100.0	4	22	US-09-882-781-5	Sequence 5, Appl
70	16	100.0	4	22	US-09-882-781-6	Sequence 6, Appl
71	16	100.0	4	22	US-09-882-781-8	Sequence 8, Appl
72	16	100.0	4	22	US-09-882-781-9	Sequence 9, Appl
73	16	100.0	4	22	US-09-882-781-10	Sequence 10, Appl
74	16	100.0	4	22	US-09-882-781-11	Sequence 11, Appl
75	16	100.0	4	22	US-09-882-781-12	Sequence 12, Appl
76	16	100.0	4	22	US-09-882-781-13	Sequence 13, Appl
77	16	100.0	4	22	US-09-882-781-14	Sequence 14, Appl
78	16	100.0	4	22	US-09-882-781-15	Sequence 15, Appl
79	16	100.0	4	22	US-09-882-781-16	Sequence 16, Appl

80 16 100.0 4 22 US-09-882-781-17 Sequence 17, Appl  
81 16 100.0 4 22 US-09-882-781-18 Sequence 18, Appl  
82 16 100.0 4 22 US-09-882-781-19 Sequence 19, Appl  
83 16 100.0 4 22 US-09-882-781-20 Sequence 20, Appl  
84 16 100.0 4 22 US-09-882-781-21 Sequence 21, Appl  
85 16 100.0 4 22 US-09-882-781-22 Sequence 22, Appl  
86 16 100.0 4 22 US-09-882-781-23 Sequence 23, Appl  
87 16 100.0 4 22 US-09-882-781-32 Sequence 32, Appl  
88 16 100.0 4 22 US-09-883-069-4 Sequence 4, Appl  
89 16 100.0 4 22 US-09-929-818-206 Sequence 206, App  
90 16 100.0 4 23 US-09-950-083-4596 Sequence 4596, Ap  
91 16 100.0 4 23 US-09-957-806A-212 Sequence 212, App  
92 16 100.0 4 24 US-10-005-931-1 Sequence 1, Appl  
93 16 100.0 4 24 US-10-005-931-2 Sequence 2, Appl  
94 16 100.0 4 24 US-10-005-931-3 Sequence 3, Appl  
95 16 100.0 4 24 US-10-005-931-4 Sequence 4, Appl  
96 16 100.0 4 24 US-10-005-931-5 Sequence 5, Appl  
97 16 100.0 4 24 US-10-005-931-6 Sequence 6, Appl  
98 16 100.0 4 24 US-10-005-931-8 Sequence 8, Appl  
99 16 100.0 4 24 US-10-005-931-9 Sequence 9, Appl  
100 16 100.0 4 24 US-10-005-931-10 Sequence 10, Appl

## ALIGNMENTS

RESULT 1  
PCT-US01-28044A-338  
; Sequence 338, Application PC/TUS0128044A  
; GENERAL INFORMATION:  
; APPLICANT: Board of Regents, The University of Texas System  
; TITLE OF INVENTION: Compositions and Methods for Targeting Peptide In Human In Vivo  
; FILE REFERENCE: 005774.P002PCT  
; CURRENT APPLICATION NUMBER: PCT/US01/28044A  
; CURRENT FILING DATE: 2001-09-07  
; NUMBER OF SEQ ID NOS: 423  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 338  
; LENGTH: 3  
; TYPE: PPT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: Peptide  
; LOCATION: (1)..(3)  
; OTHER INFORMATION: synthetic construct  
PCT-US01-28044A-338

Query Match 100.0%; Score 16; DB 1; Length 3;  
Best Local Similarity 100.0%; Pred. No. 4.2e+06;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 RW 2  
||  
Db 1 RW 2

RESULT 2  
PCT-US01-28044A-420  
; Sequence 420, Application PC/TUS0128044A  
; GENERAL INFORMATION:  
; APPLICANT: Board of Regents, The University of Texas System  
; TITLE OF INVENTION: Compositions and Methods for Targeting Peptide In Human In Vivo  
; FILE REFERENCE: 005774.P002PCT  
; CURRENT APPLICATION NUMBER: PCT/US01/28044A  
; CURRENT FILING DATE: 2001-09-07  
; NUMBER OF SEQ ID NOS: 423  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 420  
; LENGTH: 3  
; TYPE: PPT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: Peptide

LOCATION: (1)..(3)  
; OTHER INFORMATION: synthetic construct  
PCT-US01-28044A-420

Query Match 100.0%; Score 16; DB 1; Length 3;  
Best Local Similarity 100.0%; Pred. No. 4.2e+06;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 RW 2  
||  
Db 1 RW 2

RESULT 3  
PCT-US02-09105-276  
; Sequence 276, Application PC/TUS0209105  
; GENERAL INFORMATION:  
; APPLICANT: Human Genome Sciences, Inc.  
; TITLE OF INVENTION: Human Secreted Proteins  
; FILE REFERENCE: PS951PCT  
; CURRENT APPLICATION NUMBER: PCT/US02/09105  
; CURRENT FILING DATE: 2002-03-26  
; PRIOR APPLICATION NUMBER: US 60/278,650  
; PRIOR FILING DATE: 2001-03-27  
; PRIOR APPLICATION NUMBER: US 09/950,082  
; PRIOR FILING DATE: 2001-09-12  
; PRIOR APPLICATION NUMBER: US 09/950,083  
; PRIOR FILING DATE: 2001-09-12  
; NUMBER OF SEQ ID NOS: 779  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 276  
; LENGTH: 3  
; TYPE: PPT  
; ORGANISM: Homo sapiens  
PCT-US02-09105-276

Query Match 100.0%; Score 16; DB 1; Length 3;  
Best Local Similarity 100.0%; Pred. No. 4.2e+06;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 RW 2  
||  
Db 2 RW 3

RESULT 4  
PCT-US02-09135-187  
; Sequence 187, Application PC/TUS0209135  
; GENERAL INFORMATION:  
; APPLICANT: Human Genome Sciences, Inc.  
; TITLE OF INVENTION: Human Secreted Proteins  
; FILE REFERENCE: PS956PCT  
; CURRENT APPLICATION NUMBER: PCT/US02/09135  
; CURRENT FILING DATE: 2002-03-26  
; PRIOR APPLICATION NUMBER: US 60/278,650  
; PRIOR FILING DATE: 2001-03-27  
; PRIOR APPLICATION NUMBER: US 09/950,082  
; PRIOR FILING DATE: 2001-09-12  
; PRIOR APPLICATION NUMBER: US 09/950,083  
; PRIOR FILING DATE: 2001-09-12  
; NUMBER OF SEQ ID NOS: 491  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 187  
; LENGTH: 3  
; TYPE: PPT  
; ORGANISM: Homo sapiens  
PCT-US02-09135-187

Query Match 100.0%; Score 16; DB 1; Length 3;  
Best Local Similarity 100.0%; Pred. No. 4.2e+06;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 RW 2

Db 2 RW 3

RESULT 5  
PCT-US02-09257-363

; Sequence 363, Application PC/TUS0209257  
; GENERAL INFORMATION:  
; APPLICANT: Human Genome Sciences, Inc.  
; TITLE OF INVENTION: Human Secreted Proteins  
; FILE REFERENCE: PS957PCT  
; CURRENT APPLICATION NUMBER: PCT/US02/09257  
; CURRENT FILING DATE: 2002-03-26  
; PRIOR APPLICATION NUMBER: US 60/278,650  
; PRIOR FILING DATE: 2001-03-27  
; PRIOR APPLICATION NUMBER: US 09/950,082  
; PRIOR FILING DATE: 2001-09-12  
; PRIOR APPLICATION NUMBER: US 09/950,083  
; NUMBER OF SEQ ID NOS: 994  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 363  
; LENGTH: 3  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
PCT-US02-09257-363

Query Match 100.0%; Score 16; DB 1; Length 3;

Best Local Similarity 100.0%; Pred. No. 4.2e+06; Mismatches 0; Indels 0; Gaps 0;

Oy 1 RW 2  
Db 2 RW 3

RESULT 6  
PCT-US02-09922-345

; Sequence 345, Application PC/TUS0209922  
; GENERAL INFORMATION:  
; APPLICANT: Human Genome Sciences, Inc.  
; TITLE OF INVENTION: Human Secreted Proteins  
; FILE REFERENCE: PS955PCT  
; CURRENT APPLICATION NUMBER: PCT/US02/09922  
; CURRENT FILING DATE: 2002-03-26  
; PRIOR APPLICATION NUMBER: US 60/278,650  
; PRIOR FILING DATE: 2001-03-27  
; PRIOR APPLICATION NUMBER: US 09/950,082  
; PRIOR FILING DATE: 2001-09-12  
; PRIOR APPLICATION NUMBER: US 09/950,083  
; NUMBER OF SEQ ID NOS: 1117  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 345  
; LENGTH: 3  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
PCT-US02-09922-345

Query Match 100.0%; Score 16; DB 1; Length 3;

Best Local Similarity 100.0%; Pred. No. 4.2e+06; Mismatches 0; Indels 0; Gaps 0;

Oy 1 RW 2  
Db 2 RW 3

RESULT 7  
PCT-US94-09193-44  
; Sequence 44, Application PC/TUS9409193  
; GENERAL INFORMATION:  
; APPLICANT: MURPHY-ULLRICH, JOANNE E.

APPLICANT: ROBERTS, DAVID D.  
APPLICANT: SCHULTZ-CHERRY, STACEY  
APPLICANT: KRUTZSCH, HENRY C.  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR STIMULATING  
TITLE OF INVENTION: AND INHIBITING TGF-BETA ACTIVITY  
NUMBER OF SEQUENCES: 46  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: NEEDLE & ROSENBERG, P.C.  
STREET: 127 Peachtree Street, NE  
CITY: Atlanta  
STATE: Georgia  
COUNTRY: USA  
ZIP: 30303-1811

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US94/09193  
FILING DATE:

CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: SPRATT, GWENDOLYN D.  
REGISTRATION NUMBER: 36,016  
REFERENCE/DOCKET NUMBER: 2180,0181  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (404) 688-0770  
TELEFAX: (404) 688-9680  
INFORMATION FOR SEQ ID NO: 44:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 3 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
HYPOTHETICAL: NO  
ANTI-SENSE: NO

PCT-US94-09193-44

Query Match 100.0%; Score 16; DB 1; Length 3;

Best Local Similarity 100.0%; Pred. No. 4.2e+06; Mismatches 0; Indels 0; Gaps 0;

Oy 1 RW 2  
Db 1 RW 2

RESULT 8  
PCT-US97-12974A-94

; Sequence 94, Application PC/TUS9712974A  
; GENERAL INFORMATION:  
; APPLICANT: Chang, Conway  
; APPLICANT: Gu, Leo  
; TITLE OF INVENTION: CYCLIC PEPTIDES HAVING BROAD  
; TITLE OF INVENTION: SPECTRUM ANTIMICROBIAL ACTIVITY  
; NUMBER OF SEQUENCES: 241  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Pennile & Edmonds LLP  
; STREET: 1155 Avenue of the Americas  
; CITY: New York  
; STATE: New York  
; COUNTRY: USA  
; ZIP: 10036

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US97/12974A

FILED DATE: 23 Jul 97  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/685,589  
FILING DATE: 24-JUL-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Coruzzi, Laura A.  
REGISTRATION NUMBER: 30,742  
REFERENCE/DOCKET NUMBER: 8067-026-228  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 212-790-9090  
TELEFAX: 212-869-9741  
TELEX: 66141  
INFORMATION FOR SEQ ID NO: 94:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 3 amino acids  
TYPE: amino acid  
STRANDEDNESS: unknown  
TOPOLOGY: not relevant  
MOLECULE TYPE: peptide  
PCT-US97-12974A-94

Query Match 100.0%; Score 16; DB 1; Length 3;  
Best Local Similarity 100.0%; Pred. No. 4.2e+06;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 RW 2  
11  
DB 2 RW 3

RESULT 9  
PCT-US97-19557-94  
Sequence 94, Application PC/TUS9719557  
GENERAL INFORMATION:  
APPLICANT: Chang, Conway  
APPLICANT: Gu, Leo  
TITLE OF INVENTION: CYCLIC PEPTIDES HAVING BROAD  
NUMBER OF SEQUENCES: 241  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Penzie & Edmonds LLP  
STREET: 1155 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: USA  
ZIP: 10036  
COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US97/19557  
FILING DATE: herewith  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Coruzzi, Laura A.  
REGISTRATION NUMBER: 30,742  
REFERENCE/DOCKET NUMBER: 8067-048-228  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 212-790-9090  
TELEFAX: 212-869-9741  
TELEX: 66141  
INFORMATION FOR SEQ ID NO: 94:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 3 amino acids  
TYPE: amino acid  
STRANDEDNESS: unknown  
TOPOLOGY: not relevant  
MOLECULE TYPE: peptide  
PCT-US97-19557-94

Query Match 100.0%; Score 16; DB 1; Length 3;  
Best Local Similarity 100.0%; Pred. No. 4.2e+06;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 RW 2  
11  
DB 2 RW 3

RESULT 10  
US-08-238-169-44  
Sequence 44, Application US/08238169  
GENERAL INFORMATION:  
APPLICANT: MURPHY-ULRICH, JOANNE E.  
APPLICANT: ROBERTS, DAVID D.  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR STIMULATING  
TITLE OF INVENTION: AND INHIBITING TGF-BETA ACTIVITY WITH REGULATORY PEPTIDES  
NUMBER OF SEQUENCES: 46  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: NEEDLE & ROSENBERG, P.C.  
STREET: 127 Peachtree Street, NE  
CITY: Atlanta  
STATE: Georgia  
COUNTRY: USA  
ZIP: 30303-1811  
COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/238,169  
FILING DATE:  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: SPRATT, GWENDOLYN D.  
REGISTRATION NUMBER: 36,016  
REFERENCE/DOCKET NUMBER: 2180.018  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (404) 688-0770  
TELEFAX: (404) 688-9880  
INFORMATION FOR SEQ ID NO: 44:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 3 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-08-238-169-44

Query Match 100.0%; Score 16; DB 6; Length 3;  
Best Local Similarity 100.0%; Pred. No. 4.2e+06;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 RW 2  
11  
DB 1 RW 2

RESULT 11  
US-09-340-852-94  
Sequence 94, Application US/09340852  
GENERAL INFORMATION:  
APPLICANT: Chang, Conway  
APPLICANT: Gu, Leo  
TITLE OF INVENTION: CYCLIC PEPTIDES HAVING BROAD  
TITLE OF INVENTION: SPECTRUM ANTIMICROBIAL ACTIVITY  
NUMBER OF SEQUENCES: 222  
CORRESPONDENCE ADDRESS:

ADDRESSEE: Pennie & Edmonds LLP  
STREET: 1155 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: USA  
ZIP: 10036  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/340,852  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/685,589  
FILING DATE: 24-JUL-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Coruzzi, Laura A.  
REGISTRATION NUMBER: 30,742  
REFERENCE/DOCKET NUMBER: 8067-026-999  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 212-790-9090  
TELEFAX: 212-869-9741  
TELEX: 66141  
INFORMATION FOR SEQ ID NO: 94:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 3 amino acids  
TYPE: amino acid  
STRANDEDNESS: unknown  
TOPOLOGY: Not Relevant  
MOLECULE TYPE: peptide  
US-09-340-852-94

Query Match 100.0%; Score 16; DB 17; Length 3;  
Best Local Similarity 100.0%; Pred. No. 4; 2e+06;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2  
11  
DB 2 RW 3

RESULT 12  
US-09-950-082-706  
; Sequence 706, Application US/09950082  
; GENERAL INFORMATION:  
; APPLICANT: Rosen, et. al  
; TITLE OF INVENTION: Human Secreted Proteins  
; FILE REFERENCE: PS804  
; CURRENT APPLICATION NUMBER: US/09/950,082  
; CURRENT FILING DATE: 2001-09-12  
; PRIOR APPLICATION NUMBER: 60/278,650  
; PRIOR FILING DATE: 2001-03-27  
; PRIOR APPLICATION NUMBER: 09/833,245  
; PRIOR FILING DATE: 2001-04-12  
; PRIOR APPLICATION NUMBER: PCT/US01/11988  
; PRIOR FILING DATE: 2001-04-12  
; PRIOR APPLICATION NUMBER: PCT/US00/06043  
; PRIOR FILING DATE: 2000-03-09  
; PRIOR APPLICATION NUMBER: PCT/US00/06012  
; PRIOR FILING DATE: 2000-03-09  
; PRIOR APPLICATION NUMBER: PCT/US00/06058  
; PRIOR FILING DATE: 2000-03-09  
; PRIOR APPLICATION NUMBER: PCT/US00/06044  
; PRIOR FILING DATE: 2000-03-09  
; PRIOR APPLICATION NUMBER: PCT/US00/06059  
; PRIOR FILING DATE: 2000-03-09  
; PRIOR APPLICATION NUMBER: PCT/US00/06042  
; PRIOR FILING DATE: 2000-03-09  
; PRIOR APPLICATION NUMBER: PCT/US00/06014  
; PRIOR FILING DATE: 2000-03-09

; PRIOR APPLICATION NUMBER: PCT/US00/06013  
; PRIOR FILING DATE: 2000-03-09  
; PRIOR APPLICATION NUMBER: PCT/US00/06049  
; PRIOR FILING DATE: 2000-03-09  
; PRIOR APPLICATION NUMBER: PCT/US00/06057  
; PRIOR FILING DATE: 2000-03-09  
; PRIOR APPLICATION NUMBER: PCT/US00/06824  
; PRIOR FILING DATE: 2000-03-16  
; PRIOR APPLICATION NUMBER: PCT/US00/06765  
; PRIOR FILING DATE: 2000-03-16  
; PRIOR APPLICATION NUMBER: PCT/US00/06792  
; PRIOR FILING DATE: 2000-03-16  
; PRIOR APPLICATION NUMBER: PCT/US00/06830  
; PRIOR FILING DATE: 2000-03-16  
; PRIOR APPLICATION NUMBER: PCT/US00/06782  
; PRIOR FILING DATE: 2000-03-16  
; PRIOR APPLICATION NUMBER: PCT/US00/06822  
; PRIOR FILING DATE: 2000-03-16  
; PRIOR APPLICATION NUMBER: PCT/US00/06791  
; PRIOR FILING DATE: 2000-03-16  
; PRIOR APPLICATION NUMBER: PCT/US00/06828  
; PRIOR FILING DATE: 2000-03-16  
; PRIOR APPLICATION NUMBER: PCT/US00/06823  
; PRIOR FILING DATE: 2000-03-16  
; PRIOR APPLICATION NUMBER: PCT/US00/06781  
; PRIOR FILING DATE: 2000-03-16  
; PRIOR APPLICATION NUMBER: PCT/US00/07505  
; PRIOR FILING DATE: 2000-03-22  
; PRIOR APPLICATION NUMBER: PCT/US00/07440  
; PRIOR FILING DATE: 2000-03-22  
; PRIOR APPLICATION NUMBER: PCT/US00/07506  
; PRIOR FILING DATE: 2000-03-22  
; PRIOR APPLICATION NUMBER: PCT/US00/07507  
; PRIOR FILING DATE: 2000-03-22  
; PRIOR APPLICATION NUMBER: PCT/US00/07535  
; PRIOR FILING DATE: 2000-03-22  
; PRIOR APPLICATION NUMBER: PCT/US00/07525  
; PRIOR FILING DATE: 2000-03-22  
; PRIOR APPLICATION NUMBER: PCT/US00/07534  
; PRIOR FILING DATE: 2000-03-22  
; PRIOR APPLICATION NUMBER: PCT/US00/07483  
; PRIOR FILING DATE: 2000-03-22  
; PRIOR APPLICATION NUMBER: PCT/US00/07526  
; PRIOR FILING DATE: 2000-03-22  
; PRIOR APPLICATION NUMBER: PCT/US00/07527  
; PRIOR FILING DATE: 2000-03-22  
; PRIOR APPLICATION NUMBER: PCT/US00/07661  
; PRIOR FILING DATE: 2000-03-23  
; PRIOR APPLICATION NUMBER: PCT/US00/07579  
; PRIOR FILING DATE: 2000-03-23  
; PRIOR APPLICATION NUMBER: PCT/US00/07723  
; PRIOR FILING DATE: 2000-03-23  
; PRIOR APPLICATION NUMBER: PCT/US00/07724  
; PRIOR FILING DATE: 2000-03-23  
; PRIOR APPLICATION NUMBER: PCT/US00/14929  
; PRIOR FILING DATE: 2000-06-01  
; PRIOR APPLICATION NUMBER: PCT/US00/07722  
; PRIOR FILING DATE: 2000-03-23  
; PRIOR APPLICATION NUMBER: PCT/US00/07578  
; PRIOR FILING DATE: 2000-03-23  
; PRIOR APPLICATION NUMBER: PCT/US00/07726  
; PRIOR FILING DATE: 2000-03-23  
; PRIOR APPLICATION NUMBER: PCT/US00/07677  
; PRIOR FILING DATE: 2000-03-23  
; PRIOR APPLICATION NUMBER: PCT/US00/07725  
; PRIOR FILING DATE: 2000-03-23  
; PRIOR APPLICATION NUMBER: PCT/US00/09070  
; PRIOR FILING DATE: 2000-04-06  
; PRIOR APPLICATION NUMBER: PCT/US00/08982  
; PRIOR FILING DATE: 2000-04-06  
; PRIOR APPLICATION NUMBER: PCT/US00/08983  
; PRIOR FILING DATE: 2000-04-06  
; PRIOR APPLICATION NUMBER: PCT/US00/09067

PRIOR FILING DATE: 2000-04-06  
PRIOR APPLICATION NUMBER: PCT/US00/09066  
PRIOR FILING DATE: 2000-04-06  
PRIOR APPLICATION NUMBER: PCT/US00/09068  
PRIOR FILING DATE: 2000-04-06  
PRIOR APPLICATION NUMBER: PCT/US00/08981  
PRIOR FILING DATE: 2000-04-06  
PRIOR APPLICATION NUMBER: PCT/US00/08980  
PRIOR FILING DATE: 2000-04-06  
PRIOR APPLICATION NUMBER: PCT/US00/09071  
PRIOR FILING DATE: 2000-04-06  
PRIOR APPLICATION NUMBER: PCT/US00/09069  
PRIOR FILING DATE: 2000-04-06  
PRIOR APPLICATION NUMBER: PCT/US00/15136  
PRIOR FILING DATE: 2000-06-01  
PRIOR APPLICATION NUMBER: PCT/US00/14926  
PRIOR FILING DATE: 2000-06-01  
PRIOR APPLICATION NUMBER: PCT/US00/14963  
PRIOR FILING DATE: 2000-06-01  
PRIOR APPLICATION NUMBER: PCT/US00/15135  
PRIOR FILING DATE: 2000-06-01  
PRIOR APPLICATION NUMBER: PCT/US00/14934  
PRIOR FILING DATE: 2000-06-01  
PRIOR APPLICATION NUMBER: PCT/US00/14933  
PRIOR FILING DATE: 2000-06-01  
PRIOR APPLICATION NUMBER: PCT/US00/15137  
PRIOR FILING DATE: 2000-06-01  
PRIOR APPLICATION NUMBER: PCT/US00/14928  
PRIOR FILING DATE: 2000-06-01  
PRIOR APPLICATION NUMBER: PCT/US00/14973  
PRIOR FILING DATE: 2000-06-01  
PRIOR APPLICATION NUMBER: PCT/US00/14964  
PRIOR FILING DATE: 2000-06-01  
PRIOR APPLICATION NUMBER: PCT/US00/26376  
PRIOR FILING DATE: 2000-09-26  
PRIOR APPLICATION NUMBER: PCT/US00/26371  
PRIOR FILING DATE: 2000-09-26  
PRIOR APPLICATION NUMBER: PCT/US00/26324  
PRIOR FILING DATE: 2000-09-26  
PRIOR APPLICATION NUMBER: PCT/US00/26323  
PRIOR FILING DATE: 2000-09-26  
PRIOR APPLICATION NUMBER: PCT/US00/26337  
PRIOR FILING DATE: 2000-09-26  
PRIOR APPLICATION NUMBER: PCT/US01/13318  
PRIOR FILING DATE: 2001-04-27  
PRIOR APPLICATION NUMBER: US 60/124,146  
PRIOR FILING DATE: 1999-03-12  
PRIOR APPLICATION NUMBER: US 60/167,061  
PRIOR FILING DATE: 1999-11-23  
PRIOR APPLICATION NUMBER: US 60/124,093  
PRIOR FILING DATE: 1999-03-12  
PRIOR APPLICATION NUMBER: US 60/166,989  
PRIOR FILING DATE: 1999-11-23  
PRIOR APPLICATION NUMBER: US 60/124,145  
PRIOR FILING DATE: 1999-03-12  
PRIOR APPLICATION NUMBER: US 60/168,654  
PRIOR FILING DATE: 1999-12-03  
PRIOR APPLICATION NUMBER: US 60/124,099  
PRIOR FILING DATE: 1999-03-12  
PRIOR APPLICATION NUMBER: US 60/168,661  
PRIOR FILING DATE: 1999-12-03  
PRIOR APPLICATION NUMBER: US 60/124,096  
PRIOR FILING DATE: 1999-03-12  
PRIOR APPLICATION NUMBER: US 60/168,622  
PRIOR FILING DATE: 1999-12-03  
PRIOR APPLICATION NUMBER: US 60/124,143  
PRIOR FILING DATE: 1999-03-12  
PRIOR APPLICATION NUMBER: US 60/168,663  
PRIOR FILING DATE: 1999-12-03  
PRIOR APPLICATION NUMBER: US 60/124,095  
PRIOR FILING DATE: 1999-03-12  
PRIOR APPLICATION NUMBER: US 60/138,598  
PRIOR FILING DATE: 1999-06-11

PRIOR APPLICATION NUMBER: US 60/168,665  
PRIOR FILING DATE: 1999-12-03  
PRIOR APPLICATION NUMBER: US 60/125,360  
PRIOR FILING DATE: 1999-03-19  
PRIOR APPLICATION NUMBER: US 60/138,626  
PRIOR FILING DATE: 1999-06-11  
PRIOR APPLICATION NUMBER: US 60/168,662  
PRIOR FILING DATE: 1999-12-03  
PRIOR APPLICATION NUMBER: US 60/124,144  
PRIOR FILING DATE: 1999-03-12  
PRIOR APPLICATION NUMBER: US 60/138,574  
PRIOR FILING DATE: 1999-06-11  
PRIOR APPLICATION NUMBER: US 60/168,667  
PRIOR FILING DATE: 1999-12-03  
PRIOR APPLICATION NUMBER: US 60/124,142  
PRIOR FILING DATE: 1999-03-12  
PRIOR APPLICATION NUMBER: US 60/138,597  
PRIOR FILING DATE: 1999-06-11  
PRIOR APPLICATION NUMBER: US 60/168,666  
PRIOR FILING DATE: 1999-12-03  
PRIOR APPLICATION NUMBER: US 60/125,359  
PRIOR FILING DATE: 1999-03-19  
PRIOR APPLICATION NUMBER: US 60/168,664  
PRIOR FILING DATE: 1999-12-03  
PRIOR APPLICATION NUMBER: US 60/126,051  
PRIOR FILING DATE: 1999-03-23  
PRIOR APPLICATION NUMBER: US 60/169,906

Query Match 100.0%; Score 16; DB 23; Length 3;  
Best Local Similarity 100.0%; Pred. No. 4.2e+06;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2  
||  
DB 2 RW 3

RESULT 13  
US-10-105-299-3303  
; Sequence 3303, Application US/10105299  
; GENERAL INFORMATION:  
; APPLICANT: Rosen, et. al  
; TITLE OF INVENTION: Human Secreted Proteins  
; FILE REFERENCE: PS950  
; CURRENT APPLICATION NUMBER: US/10/105,299  
; CURRENT FILING DATE: 2002-03-26  
; NUMBER OF SEQ ID NOS: 15197  
; Prior Application removed - See File Wrapper or Palm  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 3303  
; LENGTH: 3  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-105-299-3303

Query Match 100.0%; Score 16; DB 25; Length 3;  
Best Local Similarity 100.0%; Pred. No. 4.2e+06;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2  
||  
DB 2 RW 3

RESULT 14  
PCT-US00-06823-66  
; Sequence 66, Application PC/TUS0006823  
; GENERAL INFORMATION:  
; APPLICANT: Human Genome Sciences, Inc.  
; TITLE OF INVENTION: 48 Human Secreted Proteins  
; FILE REFERENCE: PS519PCT  
; CURRENT APPLICATION NUMBER: PCT/US00/06823  
; CURRENT FILING DATE: 2000-03-16

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; EARLIER APPLICATION NUMBER: 60/125,364
; EARLIER FILING DATE: 1999-03-19
; EARLIER APPLICATION NUMBER: 60/169,623
; EARLIER FILING DATE: 1999-12-08
; NUMBER OF SEQ ID NOS: 186
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 66
; LENGTH: 4
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (4)
; OTHER INFORMATION: Xaa equals stop translation
PCT-US00-06823-66

Query Match
Best Local Similarity 100.0%; Score 16; DB 1; Length 4;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RW 2
   ||
Db 2 RW 3

RESULT 15
PCT-US00-16116-11
; Sequence 11, Application PC/TUS0016116
; GENERAL INFORMATION:
; APPLICANT: Robison, Keith E.
; APPLICANT: Kapeller-Libermann, Rosana
; APPLICANT: White, David
; TITLE OF INVENTION: A Novel Human Cyclic Nucleotide
; FILE REFERENCE: 5800-28-1
; CURRENT APPLICATION NUMBER: PCT/US00/16116
; CURRENT FILING DATE: 2000-06-12
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 11
; LENGTH: 4
; TYPE: PRT
; ORGANISM: Homo sapiens
PCT-US00-16116-11

Query Match
Best Local Similarity 100.0%; Score 16; DB 1; Length 4;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RW 2
   ||
Db 2 RW 3

RESULT 16
PCT-US00-16116-29
; Sequence 29, Application PC/TUS0016116
; GENERAL INFORMATION:
; APPLICANT: Robison, Keith E.
; APPLICANT: Kapeller-Libermann, Rosana
; APPLICANT: White, David
; TITLE OF INVENTION: A Novel Human Cyclic Nucleotide
; FILE REFERENCE: 5800-28-1
; CURRENT APPLICATION NUMBER: PCT/US00/16116
; CURRENT FILING DATE: 2000-06-12
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 29
; LENGTH: 4
; TYPE: PRT
; ORGANISM: Homo sapiens
PCT-US00-16116-29
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Query Match
Best Local Similarity 100.0%; Score 16; DB 1; Length 4;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RW 2
   ||
Db 2 RW 3

RESULT 17
PCT-US00-18217-1
; Sequence 1, Application PC/TUS0018217
; GENERAL INFORMATION:
; APPLICANT: Palatin Technologies, Inc.
; APPLICANT: Blood, Christine
; APPLICANT: Shadlack, Annette
; APPLICANT: Bernstein, Joanna K.
; APPLICANT: Herbert, Guy W.
; TITLE OF INVENTION: Compositions and Methods for Treatment of Sexual
; FILE REFERENCE: 70025-PCT-4
; CURRENT APPLICATION NUMBER: PCT/US00/18217
; CURRENT FILING DATE: 2000-06-29
; PRIOR APPLICATION NUMBER: 60/142,346
; PRIOR FILING DATE: 1999-06-29
; PRIOR APPLICATION NUMBER: 60/194,987
; PRIOR FILING DATE: 2000-04-05
; PRIOR APPLICATION NUMBER: PENDING
; PRIOR FILING DATE: 2000-06-28
; NUMBER OF SEQ ID NOS: 1
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 4
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial
; OTHER INFORMATION: Sequence:alpha-melanocyte-stimulation hormone
PCT-US00-18217-1

Query Match
Best Local Similarity 100.0%; Score 16; DB 1; Length 4;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RW 2
   ||
Db 3 RW 4

RESULT 18
PCT-US01-28044A-339
; Sequence 339, Application PC/TUS0128044A
; GENERAL INFORMATION:
; APPLICANT: Board of Regents, The University of Texas System
; TITLE OF INVENTION: Compositions and Methods for Targeting Peptide in Human In Vivo
; FILE REFERENCE: 005774.P002PCT
; CURRENT APPLICATION NUMBER: PCT/US01/28044A
; CURRENT FILING DATE: 2001-09-07
; NUMBER OF SEQ ID NOS: 423
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 339
; LENGTH: 4
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: (1)..(4)
; OTHER INFORMATION: synthetic construct
PCT-US01-28044A-339

Query Match
Best Local Similarity 100.0%; Score 16; DB 1; Length 4;
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Best Local Similarity 100.0%; Pred. No. 4.2e+06; Indels 0; Gaps 0;

OY 1 RW 2  
11  
DB 2 RW 3

RESULT 19  
PCT-US02-04431-1

; Sequence 1, Application PC/TUS0204431  
; GENERAL INFORMATION:  
; APPLICANT: Sharma, Shubh  
; APPLICANT: Shi, Yi-qun  
; APPLICANT: Yang, Wei  
; APPLICANT: Cai, Hui-zhi  
; APPLICANT: Shadiack, Annette  
; TITLE OF INVENTION: Melanocortin Metallopeptides for Treatment of Sexual  
; TITLE OF INVENTION: Dysfunction  
; FILE REFERENCE: 70025-0403  
; CURRENT APPLICATION NUMBER: PCT/US02/04431  
; CURRENT FILING DATE: 2002-02-13  
; PRIOR APPLICATION NUMBER: US 60/268,591  
; PRIOR FILING DATE: 2001-02-13  
; NUMBER OF SEQ ID NOS: 4  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1  
; LENGTH: 4  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Core sequence of alpha-MSH  
PCT-US02-04431-1

Query Match 100.0%; Score 16; DB 1; Length 4;  
Best Local Similarity 100.0%; Pred. No. 4.2e+06; Indels 0; Gaps 0;

OY 1 RW 2  
11  
DB 3 RW 4

RESULT 20

; Sequence 37, Application PC/TUS9409193  
; GENERAL INFORMATION:  
; APPLICANT: MURPHY-ULIRICH, JOANNE E.  
; APPLICANT: ROBERTS, DAVID D.  
; APPLICANT: SCHULTZ-CHEERY, STACEY  
; APPLICANT: KRUTSCH, HENRY C.  
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR STIMULATING  
; TITLE OF INVENTION: AND INHIBITING TGF-BETA ACTIVITY  
; NUMBER OF SEQUENCES: 46  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: NEEDLE & ROSENBERG, P.C.  
; STREET: 127 Peachtree Street, NE  
; CITY: Atlanta  
; STATE: Georgia  
; COUNTRY: USA  
; ZIP: 30303-1811  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US94/09193  
; FILING DATE:  
; CLASSIFICATION:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: SPRAET, GWENDOLYN D.  
; REGISTRATION NUMBER: 36,016

; REFERENCE/DOCKET NUMBER: 2180.0181  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (404) 688-0770  
; TELEFAX: (404) 688-9880  
; INFORMATION FOR SEQ ID NO: 37:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 4 amino acids  
; TYPE: amino acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: peptide  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
PCT-US94-09193-37

Query Match 100.0%; Score 16; DB 1; Length 4;  
Best Local Similarity 100.0%; Pred. No. 4.2e+06; Indels 0; Gaps 0;

OY 1 RW 2  
11  
DB 2 RW 3

RESULT 21  
PCT-US94-11907-40  
; Sequence 40, Application PC/TUS9411907  
; GENERAL INFORMATION:  
; APPLICANT:  
; TITLE OF INVENTION: SYNTHETIC HUMAN NEUTRALIZING MONOCLONAL  
; TITLE OF INVENTION: ANTIBODIES TO HUMAN IMMUNODEFICIENCY VIRUS  
; NUMBER OF SEQUENCES: 92  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US94/11907  
; FILING DATE: 19-OCT-1994  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/308,841  
; FILING DATE: 19-SEP-1994  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/233,619  
; FILING DATE: 26-APR-1994  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/139,409  
; FILING DATE: 19-OCT-1993  
; INFORMATION FOR SEQ ID NO: 40:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 4 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
PCT-US94-11907-40

Query Match 100.0%; Score 16; DB 1; Length 4;  
Best Local Similarity 100.0%; Pred. No. 4.2e+06; Indels 0; Gaps 0;

OY 1 RW 2  
11  
DB 3 RW 4

RESULT 22  
PCT-US94-11907-42  
; Sequence 42, Application PC/TUS9411907  
; GENERAL INFORMATION:  
; APPLICANT:  
; TITLE OF INVENTION: SYNTHETIC HUMAN NEUTRALIZING MONOCLONAL  
; TITLE OF INVENTION: ANTIBODIES TO HUMAN IMMUNODEFICIENCY VIRUS



NUMBER OF SEQUENCES: 92  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US94/11907  
FILING DATE: 19-OCT-1994  
PRIORITY APPLICATION DATA:  
APPLICATION NUMBER: US 08/308,841  
FILING DATE: 19-SEP-1994  
PRIORITY APPLICATION DATA:  
APPLICATION NUMBER: US 08/233,619  
FILING DATE: 26-APR-1994  
PRIORITY APPLICATION DATA:  
APPLICATION NUMBER: US 08/139,409  
FILING DATE: 19-OCT-1993  
INFORMATION FOR SEQ ID NO: 42:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 4 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
PCT-US94-11907-42

Query Match 100.0%; Score 16; DB 1; Length 4;  
Best Local Similarity 100.0%; Pred. No. 4.2e+06;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2  
DB 3 RW 4

RESULT 23  
PCT-US99-27631-8  
Sequence 8, Application PC/TUS9927631  
GENERAL INFORMATION:  
APPLICANT: Chen, Li Aug  
APPLICANT: Beutner, Joseph A.  
APPLICANT: Carbone, Ruben G.  
TITLE OF INVENTION: Recombinant Factor VIII Binding Peptides  
FILE REFERENCE: MSB-7251  
CURRENT APPLICATION NUMBER: PCT/US99/27631  
CURRENT FILING DATE: 1999-11-18  
NUMBER OF SEQ ID NOS: 22  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 8  
LENGTH: 4  
TYPE: PRT  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
PCT-US99-27631-8

Query Match 100.0%; Score 16; DB 1; Length 4;  
Best Local Similarity 100.0%; Pred. No. 4.2e+06;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2  
DB 3 RW 4

RESULT 24  
US-07-929-181B-4  
Sequence 4, Application US/07929181B  
GENERAL INFORMATION:  
APPLICANT: Rath, Matthias  
TITLE OF INVENTION: TETRAPEPTIDE AND METHOD OF USE  
NUMBER OF SEQUENCES: 45  
CORRESPONDENCE ADDRESS:

ADDRESSEE: SHELDON & MAK  
STREET: 401 Florence Street, First Floor  
CITY: Palo Alto  
STATE: California  
COUNTRY: USA  
ZIP: 94301  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk, 3.50 inch, 1.44 MB  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/929,181B  
FILING DATE: 07-AUG-1992  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: Cranfill, Raymond B  
REGISTRATION NUMBER: 32,845  
REFERENCE/DOCKET NUMBER: RATH-10007.00  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415-322-5333  
TELEFAX: 415-322-5499  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 4 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-07-929-181B-4

Query Match 100.0%; Score 16; DB 3; Length 4;  
Best Local Similarity 100.0%; Pred. No. 4.2e+06;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2  
DB 2 RW 3

RESULT 25  
US-08-147-809-21  
Sequence 21, Application US/08147809  
GENERAL INFORMATION:  
APPLICANT: Trowbridge, Ian Stuart  
APPLICANT: Domingo, Derrick Lemon  
APPLICANT: Hopkins, Colin Russell  
TITLE OF INVENTION: IDENTIFICATION OF INTRACELLULAR PROTEIN  
TRAFFICKING PATHWAYS AND SORTING SIGNALS THEREFOR  
NUMBER OF SEQUENCES: 49  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fitch, Even, Tabin & Flannery  
STREET: 135 South Lasalle Street, Suite 900  
CITY: Chicago  
STATE: Illinois  
COUNTRY: USA  
ZIP: 60603  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/147,809  
FILING DATE:  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Seidman, Stephanie L.  
REGISTRATION NUMBER: 33,779  
REFERENCE/DOCKET NUMBER: 53915  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (619) 552-1131  
TELEFAX: (619) 552-0095  
INFORMATION FOR SEQ ID NO: 21:

SEQUENCE CHARACTERISTICS:  
LENGTH: 4 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
US-08-147-809-21

Query Match 100.0%; Score 16; DB 5; Length 4;  
Best Local Similarity 100.0%; Pred. No. 4.2e+06;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2  
||  
DB 3 RW 4

RESULT 26  
US-08-233-619-40  
; Sequence 40, Application US/08233619  
; GENERAL INFORMATION:  
; APPLICANT: Barbas, Carlos F  
; APPLICANT: Burton, Dennis R  
; APPLICANT: Lerner, Richard A  
; TITLE OF INVENTION: SYNTHETIC HUMAN NEUTRALIZING MONOCLONAL  
; TITLE OF INVENTION: ANTIBODIES TO HUMAN IMMUNODEFICIENCY VIRUS  
; NUMBER OF SEQUENCES: 42  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: The Scripps Research Institute, Office of  
; STREET: 10666 North Torrey Pines Road, TPC 8  
; CITY: La Jolla  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 92037  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/233,619  
; FILING DATE: 26-APR-1994  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/139,409  
; FILING DATE: 19-OCT-1993  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Fitting, Thomas  
; REGISTRATION NUMBER: 34,163  
; REFERENCE/DOCKET NUMBER: TSRI 332.1  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 619-554-2937  
; TELEFAX: 619-554-6312  
; INFORMATION FOR SEQ ID NO: 40:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 4 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
US-08-233-619-40

Query Match 100.0%; Score 16; DB 6; Length 4;  
Best Local Similarity 100.0%; Pred. No. 4.2e+06;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2  
||  
DB 3 RW 4

RESULT 27  
US-08-233-619-42

Sequence 42, Application US/08233619  
; GENERAL INFORMATION:  
; APPLICANT: Barbas, Carlos F  
; APPLICANT: Burton, Dennis R  
; APPLICANT: Lerner, Richard A  
; TITLE OF INVENTION: SYNTHETIC HUMAN NEUTRALIZING MONOCLONAL  
; TITLE OF INVENTION: ANTIBODIES TO HUMAN IMMUNODEFICIENCY VIRUS  
; NUMBER OF SEQUENCES: 42  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: The Scripps Research Institute, Office of  
; STREET: 10666 North Torrey Pines Road, TPC 8  
; CITY: La Jolla  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 92037  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/233,619  
; FILING DATE: 26-APR-1994  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/139,409  
; FILING DATE: 19-OCT-1993  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Fitting, Thomas  
; REGISTRATION NUMBER: 34,163  
; REFERENCE/DOCKET NUMBER: TSRI 332.1  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 619-554-2937  
; TELEFAX: 619-554-6312  
; INFORMATION FOR SEQ ID NO: 42:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 4 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
US-08-233-619-42

Query Match 100.0%; Score 16; DB 6; Length 4;  
Best Local Similarity 100.0%; Pred. No. 4.2e+06;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2  
||  
DB 3 RW 4

RESULT 28  
US-08-238-169-37  
; Sequence 37, Application US/08238169  
; GENERAL INFORMATION:  
; APPLICANT: MURPHY-ULRICH, JOANNE E.  
; APPLICANT: ROBERTS, DAVID D.  
; APPLICANT: SCHULTZ-CHEERY, STACEY  
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR STIMULATING  
; TITLE OF INVENTION: AND INHIBITING TGF-BETA ACTIVITY WITH REGULATORY PEPTIDES  
; NUMBER OF SEQUENCES: 46  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: NEEDLE & ROSENBERG, P C.  
; STREET: 127 Peachtree Street, NE  
; CITY: Atlanta  
; STATE: Georgia  
; COUNTRY: USA  
; ZIP: 30303-1811  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/238,169  
FILING DATE:  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: SPRATT, GRENOLDYN D.  
REGISTRATION NUMBER: 36,016  
REFERENCE/DOCKET NUMBER: 2180,018  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (404) 688-0770  
TELEFAX: (404) 688-9880  
INFORMATION FOR SEQ ID NO: 37:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 4 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
HYPOTHETICAL: NO  
AMTI-SENSE: NO  
US-08-238-169-37

Query Match 100.0%; Score 16; DB 6; Length 4;  
Best Local Similarity 100.0%; Pred. No. 4.2e+06;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2  
11  
DB 2 RW 3

RESULT 29  
US-08-350-260-402  
Sequence 402, Application US/08350260  
GENERAL INFORMATION:  
APPLICANT: Winter, Gregory Paul  
APPLICANT: Griffiths, Andrew David  
APPLICANT: Williams, Samuel Cameron  
APPLICANT: Waterhouse, Peter  
APPLICANT: Nissim, Ahuva  
APPLICANT: Johnson, Kevin Stuart  
TITLE OF INVENTION: Methods for producing members of specific  
TITLE OF INVENTION: binding pairs  
NUMBER OF SEQUENCES: 600  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: David W. Clough  
STREET: Marshall, O'Toole, Gerstein, Murray & Borun  
STREET: 6300 Sears Tower, 233 South Wacker Drive  
CITY: Chicago  
STATE: Illinois  
COUNTRY: USA  
ZIP: 60606-6402  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/350,260  
FILING DATE: 05-DEC-1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: GB 9110549.4  
FILING DATE: 15-MAY-1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: GB 9206318.9  
FILING DATE: 24-MAR-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/GB91/01134  
FILING DATE: 10-JUL-1991  
PRIOR APPLICATION DATA:

APPLICATION NUMBER: PCT/GB92/00883  
FILING DATE: 15-MAY-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/GB93/00605  
FILING DATE: 24-MAR-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/150,002  
FILING DATE: 31-MAR-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/307,619  
FILING DATE: 16-SEP-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Clough, David W  
REGISTRATION NUMBER: 36,107  
REFERENCE/DOCKET NUMBER: 28111/32372  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 312-474-6300  
INFORMATION FOR SEQ ID NO: 402:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 4 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-350-260-402

Query Match 100.0%; Score 16; DB 7; Length 4;  
Best Local Similarity 100.0%; Pred. No. 4.2e+06;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2  
11  
DB 3 RW 4

RESULT 30  
US-08-350-260-408  
Sequence 408, Application US/08350260  
GENERAL INFORMATION:  
APPLICANT: Winter, Gregory Paul  
APPLICANT: Griffiths, Andrew David  
APPLICANT: Williams, Samuel Cameron  
APPLICANT: Waterhouse, Peter  
APPLICANT: Nissim, Ahuva  
APPLICANT: Johnson, Kevin Stuart  
TITLE OF INVENTION: Methods for producing members of specific  
TITLE OF INVENTION: binding pairs  
NUMBER OF SEQUENCES: 600  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: David W. Clough  
STREET: Marshall, O'Toole, Gerstein, Murray & Borun  
STREET: 6300 Sears Tower, 233 South Wacker Drive  
CITY: Chicago  
STATE: Illinois  
COUNTRY: USA  
ZIP: 60606-6402  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/350,260  
FILING DATE: 05-DEC-1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: GB 9110549.4  
FILING DATE: 15-MAY-1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: GB 9206318.9  
FILING DATE: 24-MAR-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/GB91/01134



APPLICANT: Tainer, John A.  
APPLICANT: Kuhn, Leslie A.  
TITLE OF INVENTION: RECEPTOR INTERNALIZATION SIGNALS  
FILE REFERENCE: 07251/005001  
CURRENT APPLICATION NUMBER: US/08/426,414B  
CURRENT FILING DATE: 1995-04-17  
EARLIER APPLICATION NUMBER: 07/844,852  
EARLIER FILING DATE: 1992-03-03  
NUMBER OF SEQ ID NOS: 38  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 6  
LENGTH: 4  
TYPE: PRT  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Artificial  
US-08-426-414-6

Query Match 100.0%; Score 16; DB 8; Length 4;  
Best Local Similarity 100.0%; Pred. No. 4.2e+06;  
Matches 2; Conservative 0; Indels 0; Gaps 0;

QY 1 RW 2  
||  
Db 3 RW 4

RESULT 34  
US-08-495-606A-73  
Sequence 73, Application US/08495606A  
GENERAL INFORMATION:  
APPLICANT: Barbas, Carlos F.  
APPLICANT: Lerner, Richard A.  
TITLE OF INVENTION: METHODS FOR PRODUCING POLYPEPTIDE BINDING  
TITLE OF INVENTION: BINDING SITES  
NUMBER OF SEQUENCES: 76  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: The Scripps Research Institute  
STREET: 10550 North Torrey Pines Road, TPC-8  
CITY: La Jolla  
STATE: California  
COUNTRY: U.S.  
ZIP: 92037  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/495,606A  
FILING DATE: 21-AUG-1995  
CLASSIFICATION: 435  
PRIORITY APPLICATION DATA:  
APPLICATION NUMBER: PCT/US94/01258  
FILING DATE: 02-FEB-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/084,542  
FILING DATE: 28-JUN-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/012,566  
FILING DATE: 02-FEB-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Fitting, Thomas  
REGISTRATION NUMBER: 34,163  
REFERENCE/DOCKET NUMBER: TSRI 334.2  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (619) 784-2937  
TELEFAX: (619) 784-9399  
INFORMATION FOR SEQ ID NO: 73:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 4 amino acids  
TYPE: amino acid

TOPOLOGY: linear  
MOLECULE TYPE: protein  
FRAGMENT TYPE: internal  
US-08-495-606A-73

Query Match 100.0%; Score 16; DB 8; Length 4;  
Best Local Similarity 100.0%; Pred. No. 4.2e+06;  
Matches 2; Conservative 0; Indels 0; Gaps 0;

QY 1 RW 2  
||  
Db 1 RW 2

RESULT 35  
US-08-495-606C-73  
Sequence 73, Application US/08495606C  
GENERAL INFORMATION:  
APPLICANT: Barbas, Carlos F.  
APPLICANT: Lerner, Richard A.  
TITLE OF INVENTION: METHODS FOR PRODUCING POLYPEPTIDE BINDING SITES  
FILE REFERENCE: SCRI7495  
CURRENT APPLICATION NUMBER: US/08/495,606C  
CURRENT FILING DATE: 1995-08-21  
PRIOR APPLICATION NUMBER: PCT/US94/01258  
PRIOR FILING DATE: 1994-02-02  
PRIOR APPLICATION NUMBER: 08/084,542  
PRIOR FILING DATE: 1993-06-28  
PRIOR APPLICATION NUMBER: 08/012,566  
PRIOR FILING DATE: 1993-02-02  
NUMBER OF SEQ ID NOS: 78  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 73  
LENGTH: 4  
TYPE: PRT  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: synthesized  
US-08-495-606C-73

Query Match 100.0%; Score 16; DB 8; Length 4;  
Best Local Similarity 100.0%; Pred. No. 4.2e+06;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2  
||  
Db 1 RW 2

RESULT 36  
US-08-495-606D-73  
Sequence 73, Application US/08495606D  
GENERAL INFORMATION:  
APPLICANT: Barbas, Carlos F.  
APPLICANT: Lerner, Richard A.  
TITLE OF INVENTION: METHODS FOR PRODUCING POLYPEPTIDE  
TITLE OF INVENTION: BINDING SITES, MONOCLONAL ANTIBODIES, AND COMPOSITIONS  
TITLE OF INVENTION: THEREOF  
FILE REFERENCE: TSRI 334.2  
CURRENT APPLICATION NUMBER: US/08/495,606D  
CURRENT FILING DATE: 1995-08-21  
PRIOR APPLICATION NUMBER: PCT/US94/01258  
PRIOR FILING DATE: 1994-02-02  
PRIOR APPLICATION NUMBER: 08/084,542  
PRIOR FILING DATE: 1993-06-28  
PRIOR APPLICATION NUMBER: US 08/012,566  
PRIOR FILING DATE: 1993-02-02  
NUMBER OF SEQ ID NOS: 78  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 73  
LENGTH: 4  
TYPE: PRT  
ORGANISM: Artificial Sequence

FEATURE:  
OTHER INFORMATION: synthesized  
US-08-495-606D-73

Query Match 100.0%; Score 16; DB 8; Length 4;  
Best Local Similarity 100.0%; Pred. No. 4.2e+06;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2  
DB 1 RW 2

RESULT 37  
US-08-583-493-2  
Sequence 2, Application US/08583493  
GENERAL INFORMATION:  
APPLICANT: DIAZ-MECO CONDE, Marie T  
APPLICANT: MOSCAT GUILLEN, Jorge  
TITLE OF INVENTION: Peptides  
NUMBER OF SEQUENCES: 17  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Bacon & Thomas  
STREET: 625 Slaters Lane - 4th Floor  
CITY: Alexandria  
STATE: VA  
COUNTRY: USA  
ZIP: 22314  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/583,493  
FILING DATE:  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/142,426  
FILING DATE: 30-NOV-1993  
APPLICATION NUMBER: WO PCT/EP93/00816  
FILING DATE: 02-APR-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: FICHTER, Richard E  
REGISTRATION NUMBER: 26,382  
REFERENCE/DOCKET NUMBER: REF-DIAZ-MEC  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 703-683-0500  
TELEFAX: 703-683-1080  
TELEX: 89-9124 BATO AGTN  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 4 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
US-08-583-493-2

Query Match 100.0%; Score 16; DB 9; Length 4;  
Best Local Similarity 100.0%; Pred. No. 4.2e+06;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2  
DB 3 RW 4

RESULT 38  
US-08-843-363A-5  
Sequence 5, Application US/08843363A  
GENERAL INFORMATION:  
APPLICANT: Rodney B. Croteau, Mark R. Wildung  
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TAXOL

TITLE OF INVENTION: BIOSYNTHESIS  
NUMBER OF SEQUENCES: 6  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Donald L. Stephens Jr.  
STREET: One World Trade Center  
STREET: 121 S.W. Salmon Street  
STREET: Suite 1600  
CITY: Portland  
STATE: Oregon  
COUNTRY: United States of America  
ZIP: 97204  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Disk, 3-1/2 inch  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: MS DOS  
SOFTWARE: WordPerfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/843,363A  
FILING DATE: April 15, 1997  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/015,993  
FILING DATE: April 15, 1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Donald L. Stephens Jr.  
REGISTRATION NUMBER: 34,022  
REFERENCE/DOCKET NUMBER: 4630-46842/DLS  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (503) 226-7391  
TELEFAX: (503) 228-9446  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 4 amino acid residues  
TYPE: amino acid  
STRANDEDNESS: single stranded  
TOPOLOGY: linear  
US-08-843-363A-5

Query Match 100.0%; Score 16; DB 12; Length 4;  
Best Local Similarity 100.0%; Pred. No. 4.2e+06;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2  
DB 1 RW 2

RESULT 39  
US-08-882-163C-70  
Sequence 70, Application US/08882163C  
GENERAL INFORMATION:  
APPLICANT: PETKOVICH, P. Martin  
TITLE OF INVENTION: Method of Identifying Cytochromes  
NUMBER OF SEQUENCES: 81  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Blake, Cassels & Graydon  
STREET: Box 25, Commerce Court West  
CITY: Toronto  
STATE: Ontario  
COUNTRY: Canada  
ZIP: M5L 1A9  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3 1/2 inch, 1.4 Mb storage  
COMPUTER: COMPAQ, IBM PC compatible  
OPERATING SYSTEM: MS-DOS 5.1  
SOFTWARE: WORD PERFECT  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/882,163C  
FILING DATE: June 25, 1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/667,546  
FILING DATE: June 21, 1996  
APPLICATION NUMBER: 08/724,466

;; FILING DATE: October 1, 1996  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Hunt, John C.  
;; REGISTRATION NUMBER: 36, 424  
;; REFERENCE/DOCKET NUMBER: 50767/00005  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (416) 863-4344  
;; TELEFAX: (416) 863-2653  
;; INFORMATION FOR SEQ ID NO: 70:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 4 amino acids  
;; TYPE: amino acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
US-08-882-163C-70

Query Match  
Best Local Similarity 100.0%; Score 16; DB 12; Length 4;  
Pred. No. 4.2e+06;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2  
11  
DB 3 RW 4

RESULT 40  
US-09-104-337-402  
; Sequence 402, Application US/09104337  
; GENERAL INFORMATION:  
; APPLICANT: Winter, Gregory Paul  
; APPLICANT: Griffiths, Andrew David  
; APPLICANT: Williams, Samuel Cameron  
; APPLICANT: Waterhouse, Peter  
; APPLICANT: Nissim, Ahuva  
; APPLICANT: Johnson, Kevin Stuart  
; APPLICANT: Smith, Andrew John Hammond  
; TITLE OF INVENTION: Methods for producing members of specific  
; NUMBER OF SEQUENCES: 602  
; CORRESPONDENCE ADDRESSES:  
; ADDRESSEE: David W. Clough  
; STREET: Marshall, O'Toole, Gerstein, Murray & Borun  
; STREET: 6300 Sears Tower, 233 South Wacker Drive  
; CITY: Chicago  
; STATE: Illinois  
; COUNTRY: USA  
; ZIP: 60606-6402  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/104,337  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/350,260  
; FILING DATE: 05-DEC-1994  
; APPLICATION NUMBER: GB 9110549.4  
; FILING DATE: 15-MAY-1991  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: GB 9206318.9  
; FILING DATE: 24-MAR-1992  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: PCT/GB91/01134  
; FILING DATE: 10-JUL-1991  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: PCT/GB92/00883  
; FILING DATE: 15-MAY-1992  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: PCT/GB93/00605  
; FILING DATE: 24-MAR-1993

;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 08/150,002  
;; FILING DATE: 31-MAR-1994  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 08/307,619  
;; FILING DATE: 16-SEP-1994  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Clough, David W  
;; REGISTRATION NUMBER: 36, 107  
;; REFERENCE/DOCKET NUMBER: 28111/32372  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: 312-474-6300  
;; INFORMATION FOR SEQ ID NO: 402:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 4 amino acids  
;; TYPE: amino acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
US-09-104-337-402

Query Match  
Best Local Similarity 100.0%; Score 16; DB 15; Length 4;  
Pred. No. 4.2e+06;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2  
11  
DB 3 RW 4

RESULT 41  
US-09-104-337-408  
; Sequence 408, Application US/09104337  
; GENERAL INFORMATION:  
; APPLICANT: Winter, Gregory Paul  
; APPLICANT: Griffiths, Andrew David  
; APPLICANT: Williams, Samuel Cameron  
; APPLICANT: Waterhouse, Peter  
; APPLICANT: Nissim, Ahuva  
; APPLICANT: Johnson, Kevin Stuart  
; APPLICANT: Smith, Andrew John Hammond  
; TITLE OF INVENTION: Methods for producing members of specific  
; NUMBER OF SEQUENCES: 602  
; CORRESPONDENCE ADDRESSES:  
; ADDRESSEE: David W. Clough  
; STREET: Marshall, O'Toole, Gerstein, Murray & Borun  
; STREET: 6300 Sears Tower, 233 South Wacker Drive  
; CITY: Chicago  
; STATE: Illinois  
; COUNTRY: USA  
; ZIP: 60606-6402  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/104,337  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/350,260  
; FILING DATE: 05-DEC-1994  
; APPLICATION NUMBER: GB 9110549.4  
; FILING DATE: 15-MAY-1991  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: GB 9206318.9  
; FILING DATE: 24-MAR-1992  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: PCT/GB91/01134  
; FILING DATE: 10-JUL-1991  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: PCT/GB92/00883

FILING DATE: 15-MAY-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/GB93/00605  
FILING DATE: 24-MAR-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/150,002  
FILING DATE: 31-MAR-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/307,619  
FILING DATE: 16-SEP-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Clough, David W  
REGISTRATION NUMBER: 36,107  
REFERENCE/DOCKET NUMBER: 28111/32372  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 312-474-6300  
INFORMATION FOR SEQ ID NO: 408:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 4 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-104-337-408

Query Match 100.0%; Score 16; DB 15; Length 4;  
Best Local Similarity 100.0%; Pred. No. 4.2e+06;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 RW 2  
||  
Db 1 RW 2

RESULT 42  
US-09-104-337A-402  
Sequence 402, Application US/09104337A  
GENERAL INFORMATION:  
APPLICANT: Winter, Gregory Paul  
Griffiths, Andrew David  
Williams, Samuel Cameron  
Waterhouse, Peter  
Nissim, Ahuva  
Johnson, Kevin Stuart  
Smith, Andrew John Hammond  
TITLE OF INVENTION: Methods for producing members of specific  
binding pairs  
NUMBER OF SEQUENCES: 600  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Audrey L. Bartnicki  
STREET: Marshall, Gerstein & Borun  
6300 Sears Tower, 233 South Wacker Drive  
CITY: Chicago  
STATE: Illinois  
COUNTRY: USA  
ZIP: 60606-6402  
COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.25 (EPO)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/104,337A  
FILING DATE: 25-Jun-1998  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/350,260  
FILING DATE: 05-DEC-1994  
APPLICATION NUMBER: GB 9110549.4  
FILING DATE: 15-MAY-1991  
APPLICATION NUMBER: GB 9206318.9  
FILING DATE: 24-MAR-1992  
APPLICATION NUMBER: PCT/GB92/00883  
FILING DATE: 15-MAY-1992  
APPLICATION NUMBER: PCT/GB93/00605

FILING DATE: 24-MAR-1993  
APPLICATION NUMBER: US 08/150,002  
FILING DATE: 31-MAR-1994  
APPLICATION NUMBER: US 08/307,619  
FILING DATE: 16-SEP-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Bartnicki, Audrey L.  
REGISTRATION NUMBER: 40,499  
REFERENCE/DOCKET NUMBER: 28111/32372A  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 312-474-6300  
INFORMATION FOR SEQ ID NO: 402:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 4 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-104-337A-402

Query Match 100.0%; Score 16; DB 15; Length 4;  
Best Local Similarity 100.0%; Pred. No. 4.2e+06;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 RW 2  
||  
Db 3 RW 4

RESULT 43  
US-09-104-337A-408  
Sequence 408, Application US/09104337A  
GENERAL INFORMATION:  
APPLICANT: Winter, Gregory Paul  
Griffiths, Andrew David  
Williams, Samuel Cameron  
Waterhouse, Peter  
Nissim, Ahuva  
Johnson, Kevin Stuart  
Smith, Andrew John Hammond  
TITLE OF INVENTION: Methods for producing members of specific  
binding pairs  
NUMBER OF SEQUENCES: 600  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Audrey L. Bartnicki  
STREET: Marshall, Gerstein & Borun  
6300 Sears Tower, 233 South Wacker Drive  
CITY: Chicago  
STATE: Illinois  
COUNTRY: USA  
ZIP: 60606-6402  
COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.25 (EPO)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/104,337A  
FILING DATE: 25-Jun-1998  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/350,260  
FILING DATE: 05-DEC-1994  
APPLICATION NUMBER: GB 9110549.4  
FILING DATE: 15-MAY-1991  
APPLICATION NUMBER: GB 9206318.9  
FILING DATE: 24-MAR-1992  
APPLICATION NUMBER: PCT/GB92/00883  
FILING DATE: 15-MAY-1992  
APPLICATION NUMBER: PCT/GB93/00605  
FILING DATE: 24-MAR-1993  
APPLICATION NUMBER: US 08/150,002  
FILING DATE: 31-MAR-1994  
APPLICATION NUMBER: US 08/307,619



```

; FILING DATE: 16-SEP-1994
; ATTORNEY/AGENT INFORMATION:
;   NAME: Bartnicki, Audrey L.
;   REGISTRATION NUMBER: 40,499
;   REFERENCE/DOCKET NUMBER: 28111/32372A
; TELECOMMUNICATION INFORMATION:
;   TELEPHONE: 312-474-6300
; INFORMATION FOR SEQ ID NO: 408:
;   SEQUENCE CHARACTERISTICS:
;     LENGTH: 4 amino acids
;     TYPE: amino acid
;     STRANDEDNESS: single
;     TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 408:
US-09-104-337A-408

Query Match
Best Local Similarity 100.0%; Score 16; DB 15; Length 4;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2
   ||
DB 1 RW 2

RESULT 44
US-09-314-444-2
; Sequence 2, Application US/09314444
; GENERAL INFORMATION:
; APPLICANT: Jurisson et al.
; TITLE OF INVENTION: NEW MELANOTROPIN ANALOGS FOR POTENTIAL
; TITLE OF INVENTION: RADIOPHARMACEUTICALS FOR DIAGNOSIS AND TREATMENT OF
; FILE REFERENCE: 0994.00085
; CURRENT APPLICATION NUMBER: US/09/314,444
; CURRENT FILING DATE: 1999-05-19
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 2
; LENGTH: 4
; TYPE: PRT
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism:mouse, human or
; OTHER INFORMATION: synthetic
US-09-314-444-2

Query Match
Best Local Similarity 100.0%; Score 16; DB 17; Length 4;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2
   ||
DB 3 RW 4

RESULT 45
US-09-314-444-2
; Sequence 2, Application US/09314444A
; GENERAL INFORMATION:
; APPLICANT: Jurisson, Silvia S.
; APPLICANT: Quinn, Thomas P.
; APPLICANT: Gihlin, Michael F.
; TITLE OF INVENTION: NEW MELANOTROPIN ANALOGS FOR POTENTIAL
; TITLE OF INVENTION: RADIOPHARMACEUTICALS FOR DIAGNOSIS AND TREATMENT OF
; FILE REFERENCE: 0994.00085
; CURRENT APPLICATION NUMBER: US/09/314,444A
; CURRENT FILING DATE: 1999-05-19
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 2
; LENGTH: 4
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; TYPE: PRT
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism:mouse, human or
; OTHER INFORMATION: synthetic
US-09-314-444-2

Query Match
Best Local Similarity 100.0%; Score 16; DB 17; Length 4;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2
   ||
DB 3 RW 4

RESULT 46
US-09-537-789-1
; Sequence 1, Application US/09537789
; GENERAL INFORMATION:
; APPLICANT: Mazur, Adam
; APPLICANT: Wang, Feng
; APPLICANT: Sheldon, Russell
; APPLICANT: Ebelino, Frank
; TITLE OF INVENTION: Melanocortin Receptor Ligands
; FILE REFERENCE: 7490M
; CURRENT APPLICATION NUMBER: US/09/537,789
; CURRENT FILING DATE: 2000-03-29
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: Patentln version 3.0
; SEQ ID NO 1
; LENGTH: 4
; TYPE: PRT
; ORGANISM: synthetic construct
US-09-537-789-1

Query Match
Best Local Similarity 100.0%; Score 16; DB 19; Length 4;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2
   ||
DB 3 RW 4

RESULT 47
US-09-537-789-2
; Sequence 2, Application US/09537789
; GENERAL INFORMATION:
; APPLICANT: Mazur, Adam
; APPLICANT: Wang, Feng
; APPLICANT: Sheldon, Russell
; APPLICANT: Ebelino, Frank
; TITLE OF INVENTION: Melanocortin Receptor Ligands
; FILE REFERENCE: 7490M
; CURRENT APPLICATION NUMBER: US/09/537,789
; CURRENT FILING DATE: 2000-03-29
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: Patentln version 3.0
; SEQ ID NO 2
; LENGTH: 4
; TYPE: PRT
; ORGANISM: synthetic construct
US-09-537-789-2

Query Match
Best Local Similarity 100.0%; Score 16; DB 19; Length 4;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2
   ||
DB 3 RW 4
```

```
RESULT 48
US-09-593-253-5
; Sequence 5, Application US/09593253
; GENERAL INFORMATION:
; APPLICANT: Rodney B. Croteau, Mark R. Wildung
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TAXOL
; BIOSYNTHESIS
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESS: Donald L. Stephens Jr.
; STREET: One World Trade Center
; Suite 1600
; City: Portland
; STATE: Oregon
; COUNTRY: United States of America
; ZIP: 97204
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Disk, 3-1/2 inch
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: MS DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/593,253
; FILING DATE: 13-Jun-2000
; CLASSIFICATION: <unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/843,363
; FILING DATE: <unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Donald L. Stephens Jr.
; REGISTRATION NUMBER: 34,022
; REFERENCE/DOCKET NUMBER: 4630-46842/DLS
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (503) 226-7391
; TELEFAX: (503) 228-9446
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 4 amino acid residues
; TYPE: amino acid
; STRANDEDNESS: single stranded
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-09-593-253-5

Query Match      100.0%; Score 16; DB 19; Length 4;
Best Local Similarity 100.0%; Pred. No. 4.2e+06;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 RW 2
      ||
Db      1 RW 2

RESULT 49
US-09-602-087-15
; Sequence 15, Application US/09602087
; GENERAL INFORMATION:
; APPLICANT: Segall, Anca
; TITLE OF INVENTION: MODULATORS OF RECOMBINATIONS AND METHODS
; FILE REFERENCE: 475442000300
; CURRENT APPLICATION NUMBER: US/09/602,087
; CURRENT FILING DATE: 2000-06-22
; NUMBER OF SEQ ID NOS: 83
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 4
; TYPE: PRT
; ORGANISM: homo sapien
; FEATURE:
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NAME/KEY: PEPTIDE
; LOCATION: (0)...(0)
; OTHER INFORMATION: exemplary peptide
US-09-602-087-15

Query Match      100.0%; Score 16; DB 20; Length 4;
Best Local Similarity 100.0%; Pred. No. 4.2e+06;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 RW 2
      ||
Db      3 RW 4

RESULT 50
US-09-602-087-16
; Sequence 16, Application US/09602087
; GENERAL INFORMATION:
; APPLICANT: Pinilla, Clemencia
; TITLE OF INVENTION: MODULATORS OF RECOMBINATIONS AND METHODS
; FILE REFERENCE: 475442000300
; CURRENT APPLICATION NUMBER: US/09/602,087
; CURRENT FILING DATE: 2000-06-22
; NUMBER OF SEQ ID NOS: 83
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 16
; LENGTH: 4
; TYPE: PRT
; ORGANISM: homo sapien
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (0)...(0)
; OTHER INFORMATION: exemplary peptide
US-09-602-087-16

Query Match      100.0%; Score 16; DB 20; Length 4;
Best Local Similarity 100.0%; Pred. No. 4.2e+06;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 RW 2
      ||
Db      2 RW 3

Search completed: February 21, 2003, 12:36:08
Job time : 134 secs
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